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5 December 2003

INTELLECTUAL PROPERTY LAW

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17510 U.S.PTO
10/727642



Mail Stop : Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following patent application:

Attorney Docket: P56987

Inventor: 1) MICHAEL REDECKER

Title: MOLECULAR CHEMICAL COMPOUNDS WITH
STRUCTURES ALLOWING ELECTRON DISPLACEMENT AND
CAPABLE OF EMITTING PHOTOLUMINESCENT
RADIATION, AND PHOTOLUMINESCENCE QUENCHING
DEVICE EMPLOYING THE SAME

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Information Disclosure Statement and certified copy of foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 1 sheets, Figures 1 through 2

Claim of priority under 35 U.S.C. §119: YES

** The European Application No. 03 090 022.9 filed on 29 January 2003.

** The Republic of Korean Application No. 2003-59486 filed on 27 August 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45044)

Basic Fee \$385/770 \$770.00

Additional Fees:

Total number of claims in excess of 20: times \$9/18

\$0.00

Number of independent claims in excess of 3: times \$43/86

\$0.00

Multiple Dependent Claims \$145/290

\$0.00

An Assignment is likewise enclosed: Recording Fee \$40

\$0.00

Filing Non-English specification

\$0.00

TOTAL FEES FOR THE ABOVE APPLICATION

\$770.00

Inventor: 1) MICHAEL REDECKER

Title: MOLECULAR CHEMICAL COMPOUNDS WITH
STRUCTURES ALLOWING ELECTRON DISPLACEMENT AND
CAPABLE OF EMITTING PHOTOLUMINESCENT
RADIATION, AND PHOTOLUMINESCENCE QUENCHING
DEVICE EMPLOYING THE SAME

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
Payor No.: 008-439
Attorney for the Applicant
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

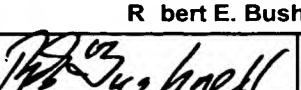
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EE TRANSMITTAL

Patent fees are subject to annual revision.

FEE TRANSMITTAL Patent fees are subject to annual revision.				Complete If Known																																									
				Application Number		to be assigned																																							
				Filing Date		5 December 2003																																							
				First Named Inventor		MICHAEL REDECKER																																							
				Examiner Name		to be assigned																																							
				Group/Art Unit		to be assigned																																							
TOTAL AMOUNT OF PAYMENT		(\$) <u>770.00</u>		Attorney Docket No.		P56987																																							
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:				3. ADDITIONAL FEES																																									
Deposit Account Number: <u>02-4943</u>				Large Entity		Small Entity																																							
Deposit Account Number: _____				Fee Code	Fee (\$)	Fee Code	Fee (\$)																																						
<input type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				1051	130	2051	65	Surcharge-late filing fee or oath	\$																																				
2. <input checked="" type="checkbox"/> Payment Enclosed: (CHECK #45044) <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other				1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$																																				
				1053	130	1053	130	Non-English specification	\$																																				
				1812	2,520	1812	2,520	For filing a request for reexamination	\$																																				
				1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$																																				
				1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$																																				
1. BASIC FILING FEE Large Entity Small Entity				1251	110	2251	55	Extension for reply within first month	\$																																				
<table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> <td>Utility filing fee</td> <td>\$ 770.00</td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> <td>Design filing fee</td> <td>\$</td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> <td>Plant filing fee</td> <td>\$</td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> <td>Reissue filing fee</td> <td>\$</td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td>\$</td> </tr> </tbody> </table>				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee	\$ 770.00	1002	340	2002	170	Design filing fee	\$	1003	530	2003	265	Plant filing fee	\$	1004	770	2004	385	Reissue filing fee	\$	1005	160	2005	80	Provisional filing fee	\$	1252	420	2252	210	Extension for reply within second month	\$
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																								
1001	770	2001	385	Utility filing fee	\$ 770.00																																								
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1004	770	2004	385	Reissue filing fee	\$																																								
1005	160	2005	80	Provisional filing fee	\$																																								
				1253	950	2253	475	Extension for reply within third month	\$																																				
				1254	1,480	2254	740	Extension for reply within fourth month	\$																																				
				1255	2,010	2255	1,005	Extension for reply within fifth month	\$																																				
				1401	330	2401	165	Notice of Appeal	\$																																				
				1402	330	2402	165	Filing a brief in support of an appeal	\$																																				
				1403	290	2403	145	Request for oral hearing	\$																																				
				1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$																																				
SUBTOTAL (1) (\$)<u>770.00</u>				1452	110	2452	55	Petition to revive - unavoidable	\$																																				
2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th></th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>20</td> <td>-20** = 0</td> <td>x 18.00 = 0.00</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>-3** = 0</td> <td>x 86.00 = 0.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td>=</td> </tr> </tbody> </table>					Extra Claims	Fee from below	Fee Paid	Total claims	20	-20** = 0	x 18.00 = 0.00	Independent Claims	1	-3** = 0	x 86.00 = 0.00	Multiple Dependent			=	1453	1,330	2453	665	Petition to revive - unintentional	\$																				
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Total claims	20	-20** = 0	x 18.00 = 0.00																																										
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Multiple Dependent			=																																										
				1501	1,330	2501	665	Utility issue fee (or reissue)	\$																																				
				1502	480	2502	240	Design issue fee	\$																																				
				1503	640	2503	320	Plant issue fee	\$																																				
				1460	130	1460	130	Petitions to the Commissioner	\$																																				
				1807	50	1807	50	Processing fee for provisional applications	\$																																				
				1806	180	1806	180	Submission of Information Disclosure Statement	\$																																				
				8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$																																				
Large Entity Small Entity				1809	770	2809	385	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$																																				
<table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>** Reissue independent claims over original patent</td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	1201	86	2201	43	Independent claims in excess of 3	1202	18	2202	9	Claims in excess of 20	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	1810	770	2810	385	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$						
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description																																									
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				1801	770	2801	385	Request for Continued Examination (RCE)	\$																																				
				Other Fee (specify) _____				\$																																					
				Other Fee (specify) _____				\$																																					
SUBTOTAL (2) (\$)<u>0.00</u>				** Reduced by Basic Filing Fee Paid				SUBTOTAL (3) \$ 0.00																																					
SUBMITTED BY								Complete (if applicable)																																					
Typed or Printed Name		R bert E. Bushnell, Esq.				Reg. Number		27,774																																					
Signature				Date	5 December 2003		Deposit Account User ID																																						

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MICHAEL REDECKER

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 5 December 2003

Art Unit: *to be assigned*

For: MOLECULAR CHEMICAL COMPOUNDS WITH STRUCTURES ALLOWING ELECTRON DISPLACEMENT AND CAPABLE OF EMITTING PHOTOLUMINESCENT RADIATION, AND PHOTOLUMINESCENCE QUENCHING DEVICE EMPLOYING THE SAME

TRANSMITTAL OF DECLARATION

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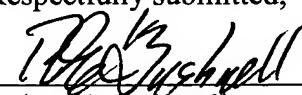
P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,



Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

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Washington, D.C. 20005
(202) 408-9040

Folio: P56987
Date: 5 December 2003
I.D.: REB/rfc